

Name: \_\_\_\_\_

## ET\_1021 version 8

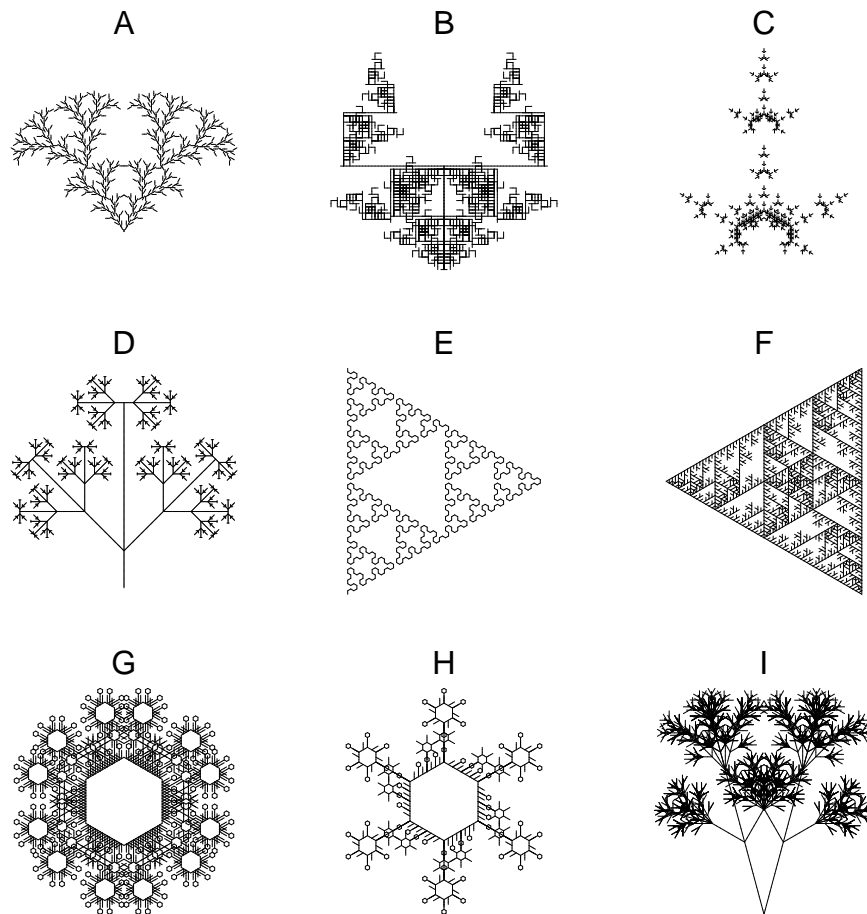
Consider the  $L$ -system (and angle) defined below:

- Start: A
- Rules:  
A  $\rightarrow$  -B+B+B+B+B  
B  $\rightarrow$  BB[-CCA]  
C  $\rightarrow$  CC

- Number of recursions (number of iterations): 5
- Angle:  $60^\circ$

Use the following sites to generate the pattern:

- [https://chadworley.github.io/Lsys\\_string\\_gen.html](https://chadworley.github.io/Lsys_string_gen.html)
- <https://scratch.mit.edu/projects/1225522722/editor/>



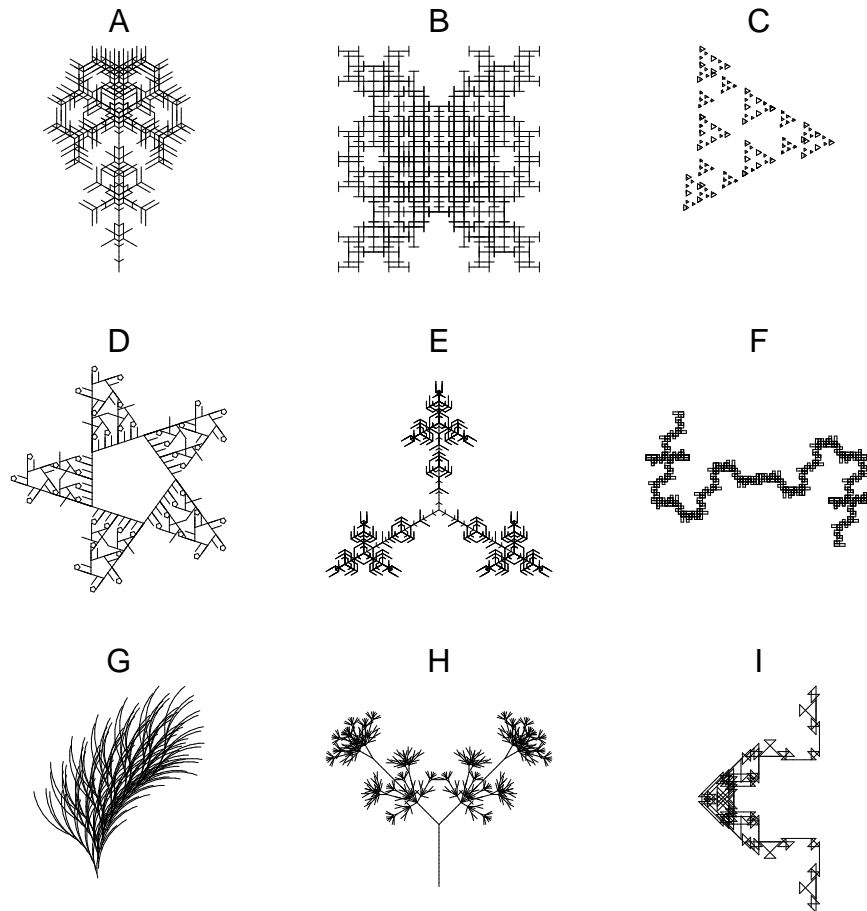
Which pattern is created?

Consider the  $L$ -system (and angle) defined below:

- Start: AA
- Rules:
  - A  $\rightarrow$  B-AA-B
  - B  $\rightarrow$  AB+B+AB
- Number of recursions (number of iterations): 5
- Angle:  $90^\circ$

Use the following sites to generate the pattern:

- [https://chadworley.github.io/Lsys\\_string\\_gen.html](https://chadworley.github.io/Lsys_string_gen.html)
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?